

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S245	0	peg near \$acrylamide same \$pyrrolidone and poly(vinylamine) and PVP and PEO	US-PGPUB; USPAT	SAME	ON	2009/11/05 17:36
S244	0	peg near \$acrylamide same \$pyrrolidone and PVAm and PVP and PEO	US-PGPUB; USPAT	SAME	ON	2009/11/05 17:36
S243	26	peg near \$acrylamide same \$pyrrolidone and PVA and PVP and PEO	US-PGPUB; USPAT	SAME	ON	2009/11/05 17:36
S242	98	peg near \$acrylamide same \$pyrrolidone	US-PGPUB; USPAT	SAME	ON	2009/11/05 17:36
S241	131981	peg	US-PGPUB; USPAT	SAME	ON	2009/11/05 17:36
S240	1	"3300419".pn.	US-PGPUB; USPAT	SAME	ON	2009/11/05 17:36
S239	4873	erickson.inv.	US-PGPUB; USPAT	SAME	ON	2009/11/05 17:36
S238	4	S236 and S237	US-PGPUB; USPAT	SAME	ON	2009/11/05 17:36
S237	7455	diacrylate tetraacrylate	US-PGPUB; USPAT	SAME	ON	2009/11/05 17:36
S236	205	S227 S231 S234	US-PGPUB; USPAT	SAME	ON	2009/11/05 17:36
S235	278	S227 S231 S234	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2009/11/05 17:36
S234	804599	protein peptide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S233	3647	S227 S231 S232	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2009/11/05 17:36

S232	3322785	polymer\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S231	394913	acrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S230	425	S229 and @py<"1997"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S229	2264	S226 near3 S227	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S228	16686	S226 same S227	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S227	204501	thiol mercapto	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S226	1519608	peg (polyethylene glycol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S225	10	(linker) near3 (dithiol\$ dimercapto\$ bithio\$ bismercapto\$) and peg	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S224	51	(linker) near3 (dithiol\$ dimercapto\$ bithio\$ bismercapto\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S223	48	(PEG) near3 (dithiol\$ dimercapto\$ bithio\$ bismercapto\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S222	4	(PEG near3 gel) near3 (dithiol\$ dimercapto\$ bithio\$ bismercapto\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S221	316	S219 and S220	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36

S220	33771	dithiol\$ dimercapto\$ bisthio\$ bismercapto\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S219	1483	PEG near3 gel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S218	2	S206 near3 S205	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S217	0	S206 near S205	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S216	70	S206 and S205	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S215	9	peg\$3 near3 (thiol mercapto) near3 (polymer polymeriz\$6 polymeric) and @py<="1999" and (peg\$3 thiol mercapto polymer polymeriz\$ polymeric) and gel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S214	12	peg\$3 near3 (thiol mercapto) near3 (polymer polymeriz\$6 polymeric) and @py<="1999" and (peg\$3 thiol mercapto polymer polymeriz\$ polymeric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S213	12	peg\$3 near3 (thiol mercapto) near3 (polymer polymeriz\$6 polymeric) and @py<="1999"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S212	84	peg\$3 near3 (thiol mercapto) near3 (polymer polymeriz\$6 polymeric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S211	56	"nucleophilic addition" same "conjugated unsaturated"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36

S210	6	S208 and (conjugated and nucleophilic).clm. same (two threee four five six muiltiple)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S209	133	S208 and (conjugated or nucleophilic).clm. same (two threee four five six muiltiple)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S208	58147	(424/180.1 435/6 435/188 424/94.3 424/177.1 424/181.1 424/422 536/24.1). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S207	8705	michael near (addition or reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S206	707305	michael	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S205	394	PEGDA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S204	69077	hydrogel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S203	965	S202 and conjugated	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S202	2836	S201 and @py<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S201	7726	S199 with S200	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S200	26875	(conjugated adj unsaturated) or electrophil\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S199	876561	S197 or S198	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S198	875487	thiol\$4 or amin\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S197	22373	nucleophile	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36

S196	56	"nucleophilic addition" same "conjugated unsaturated"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S195	6	S193 and (conjugated and nucleophilic).clm. same (two threee four five six muiltiple)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S194	133	S193 and (conjugated or nucleophilic).clm. same (two threee four five six muiltiple)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S193	58147	(424/180.1 435/6 435/188 424/94.3 424/177.1 424/181.1 424/422 536/24.1). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S192	8705	michael near (addition or reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S191	707305	michael	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S190	394	PEGDA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S189	69077	hydrogel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:36
S188	965	S187 and conjugated	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S187	2836	S186 and @py<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S186	7726	S184 with S185	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S185	26875	(conjugated adj unsaturated) or electrophil\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S184	876561	S182 or S183	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S183	875487	thiol\$4 or amin\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36

S182	22373	nucleophile	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 17:36
S246	0	"09496231.did"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 17:41

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S251	286	S248 S249 S250	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/05 17:07
S250	48	(Vernon near2 Brent)	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/05 17:07
S249	26	(ALISON near2 PRATT) or (RONALD near2 SCHOENMAKERS) or (NICOLA near2 TIRELLI)	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/05 17:07
S248	235	(JEFFREY near2 HUBBELL) or (DONALD near2 ELBERT) or (MATTHIAS near2 LUTOLF)	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/05 17:07
S256	21	S251 and S254	US-PGPUB; USPAT; UPAD	AND	ON	2009/11/05 17:08
S255	114	S251 and S253	US-PGPUB; USPAT; UPAD	AND	ON	2009/11/05 17:08
S254	34594	(nucleo\$ amin\$4).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/11/05 17:08
S253	207538	nucleo\$ amin\$4	US-PGPUB; USPAT; UPAD	AND	ON	2009/11/05 17:08
S252	0	S248 S249 S250	US-PGPUB; USPAT; UPAD	AND	ON	2009/11/05 17:08
L3	2731	(424/180.1 435/6 435/188 424/94.3 424/177.1 424/181.1 424/422 536/24.1).ccls. and L2	USPAT; UPAD	OR	ON	2009/11/06 12:54
L2	34594	(nucleo\$ amin\$4).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/11/06 12:54

L1	24779	(424/180.1 435/6 435/188 424/94.3 424/177.1 424/181.1 424/422 536/24.1).ccls.	USPAT; UPAD	OR	ON	2009/11/06 12:54
L4	26410	(conjugated adj unsaturated) or electrophil\$3	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/06 15:30
L5	221010	(conjugated adj unsaturated) or electrophil\$3 or \$acrylamide	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/06 15:31

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